

To: Lindsey, Deborah[Lindsey.Deborah@epa.gov]
From: Ex. 4 - CBI
Sent: Tue 11/14/2017 7:34:10 PM
Subject: RE: Ames Warehouse data - qs from ATSDR

OASQA has provided results for TICs for specifically request compounds on other projects. So they have the capability. It's just a matter of getting them to report the results, and/or go back and do a library scan on unknown peaks on the chromatogram.

From: Lindsey, Deborah [mailto:Lindsey.Deborah@epa.gov]
Sent: Tuesday, November 14, 2017 2:23 PM
To: Ex. 4 - CBI @TechLawInc.com>
Subject: Re: Ames Warehouse data - qs from ATSDR

I already forwarded the map last week. I initially sent her your second email

Thanks for your information. I will wait to hear what Ft Meade says about the TICs

Sent from my iPhone

On Nov 14, 2017, at 2:16 PM, Ex. 4 - CBI @TechLawInc.com> wrote:

Debbie,

1. OASQA did not report TICs. We could request that they include any TICs on the final report. I believe they have the capability.
2. Our OASQA sample results include alcohols – ethanol and isopropanol in almost every sample. The alkane - hexane was detected in most samples and heptane was detected in quite a few. These were Target compounds for OASQA's TO-15 method, not TICs. If the lab can provide us with results for TICs, pentane, butane, and other alcohols could well be present.
3. I'm not sure where the CTEH samples were collected, but I know they had originally planned to collect a few summa samples from the actual smoke plume. Some/many of their samples may have been collected from closer to the fire/plume than ours were. Our initial monitoring were selected by WVDEP. The first round air samples were collected from the air monitoring locations.
4. Lora's email sounded like she did not have an air sampling location map. I've

attached the air sample location map, which includes the Round 2 samples after the fire had been out for 3-4 days.

Let me know if there are any other questions. I will send an email to Kevin Poff at OASQA to see if they scan for TICs in their method.

Ex. 4 - CBI

TechLaw, Inc.
Wheeling, WV Office
740-867-0968 (Office)
304-830-1442 (Mobile)

From: Lindsey, Deborah [<mailto:Lindsey.Deborah@epa.gov>]
Sent: Tuesday, November 14, 2017 1:50 PM
To: **Ex. 4 - CBI** [@TechLawInc.com](mailto:TechLawInc.com)>
Subject: Fwd: Ames Warehouse data - qs from ATSDR

Ex. 4 - CBI

Could you provide any response on ATSDR's questions on TICs
Sent from my iPhone

Begin forwarded message:

From: "Werner, Lora" <Werner.Lora@epa.gov<<mailto:Werner.Lora@epa.gov>>>
Date: November 8, 2017 at 11:48:41 AM EST
To: "Lindsey, Deborah"
<Lindsey.Deborah@epa.gov<<mailto:Lindsey.Deborah@epa.gov>>>, "Duffy, Jessica"
<Duffy.Jessica@epa.gov<<mailto:Duffy.Jessica@epa.gov>>>
Cc: "Markiewicz, Karl" <Markiewicz.Karl@epa.gov<<mailto:Markiewicz.Karl@epa.gov>>>, "Helson, Robert" <Helson.Robert@epa.gov<<mailto:Helson.Robert@epa.gov>>>
Subject: Ames Warehouse data - qs from ATSDR
Hi Deb and Jessica!

Deb, my ER folks told me the attachment you sent me yesterday was weather for the sample dates, not the maps of locations? Is this something you have yet? (I confess I did not open I just forwarded since I was on the road to Harrisburg). Lat and long would work. If we could get it for the OH samples as well, that would be helpful.

The other thing we are interested in is whether the lab saw any tentatively identified compounds (TICs) and didn't report them because they could not verify their identity? Given the products the company says they provided, we should see some of those like in that sample from CTEH. It may be things like the pentane, butane, and alcohols are actually TICs, but they aren't designated as such. Some of those are only in OH's data. It

may be, by the time these samples were taken, those TICs may have burned off. Could we chat with you guys about that?

Do we know if we are going to get any SVOC data? A fire this energetic should have gotten PAHs into the air. If not, we may be able to use the ash samples to deal with that issue.

Thank you!! Lora

Sent from my iPhone

<Ames Warehouse Fire ER_Air Sampling Location Map.pdf>